

Sub C2

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operation, the memory (14) comprises a part (26) dedicated to the recording of a random data item.

7. A device according to one of Claims 1 to 5, characterised in that the activation of the means of  
5 modifying the current consumption is controlled by the microprocessor (12) so as to be activated solely for the operations to be protected.

8. A device according to Claim 5, characterised in that the microprocessor (12) performs at least the  
10 cryptographic calculation according to the following steps:

- starting of the charge pump,
  - presentation of a random data item on the data bus,
  - 15 - presentation of a writing address on the address bus,
  - initiation of the programming,
  - performing the cryptographic calculation,
  - stopping the programming,
  - 20 - stopping the charge pump,
- so as to mask the footprint of the current consumption occasioned by the said cryptographic calculation.

9. A method for hiding the operations performed  
25 by a component, characterised in that it includes the following steps:

- starting of the charge pump,
- presentation of a random data item on the data bus,

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